



## EGR 182: Wind Industry Safety

This course is designed to provide the basic skills to work in a safe manner in the wind industry and to meet emergency response training requirements for individuals new to the global wind industry. It will equip students with the knowledge, skills and confidence to appropriately respond in the event of an emergency and to increase their safety through proper use of Personal Protective Equipment and other emergency equipment and procedures. Prerequisite(s): Good health and the ability to climb 25 to 50 meters. One lecture hour and three laboratory hours per week. Instructional Support Fee applies.

### Course Student Learning Outcomes

Upon successful completion of this course students will be able to: 1. Understand safety regulations and have demonstrated emergency safety procedures associate with working offshore, in confined spaces and at height. 2. Understand and have demonstrated how to access, work, egress, and rescue personnel from confined spaces safely including toxic and hazardous environments. 3. Understand and have demonstrated proper and safe use of ladders, lift systems and the lifting of loads. 4. Understand the hazards and risks associated with working at height and understand and have demonstrated the safety equipment (harnesses, lanyards arrestors, etc.) and at height rescue procedures. 5. Understand and have demonstrated proper fire awareness and fire-fighting techniques on wind turbines and in general.

**Credits:** 2

**Program:** Engineering